underlined = deleted in targeting construct

[   ] = sequence flanking Neo insert in targeting construct

[GTCAAGGAAGAGGTACCTGGTGTCCATCAAGGTGCAGTCG]GCCGGCATGACCAGTGAGGT
GGTTGAAGATAGCACCATCACCATGATAGACCGCCCGCCTCAACCGCCTCCACACATCCG
TGTGAATGAAAAGGATGTGCTAATCAGCAAATCTTCCATCAACTTTACTGTCAACTGCAG
CTGGTTCAGCGACACCAACGGAGCGGTTGGGTACTTTGCTGTGGTGGTGAGAGAGGCCGA
CAGCAT[GGATGAGTTGAAGCCAGAACAGCAGCACCCTCTCCCTTCCTACCTGGAGTACAG
ACACAACGCCTCCATCCGAGTCTACCAGACCAATTATTTTGCCAGCAAATGTGCTGAAAG
TCCCGACAGCAGTTCTAAAAGTTTCAACATTAAGCTTGGAGCAGAGATGGACAGCCTCGG
TGGCAAATGTGATCCCAGTCAGCAGAAATTCTGTGATGGACCGCTGTTGCCACACACCGC
CTACAG]AATCAGCATCCGGGCTTTTACACAGCTATTTGACGAGGACTTGAAAGAGTTCAC
CAAACCTCTCTACTCGGATACGTTCTTCTCTATGCCCATCACCACAGAGTCAGAGCCCTT
GTTTGGAGTTATTGAAGGTGTGAGTGCTGGCCTGTTTCTAATTGGCATGCTGGTGGCCCT
TGTTGCCTTCTTCATCTGCAGACAGAAAGCTAGCCACAGCAGGGAAAGGCCATCTGCCCG
GCTCAGCATTCGTAGGGACCGGCCTTTGTCTGTCCATCTGAATCTGGGCCAGAAAGGCAA
CCGGAAAACTTCTTGCCCCATAAAGATCAATCAGTTTGAAGGGCATTTCATGAAGCTGCA
GGCAGACTCCAACTACCTTCTATCCAAGGAATATGAGGACTTAAAAGACGTGGGTAGAAG
CCAGTCATGTGACATTGCCCTCTTGCCTGAGAATCGAGGGAAAAATCGATACAACAACAT
ATTGCCTTATGATGCCTCAAGAGTGAAGCTCTCGAATGTCGATGACGACCCTTGCTCTGA
CTACATCAACGCCAGCTACATCCCCGGTAACAACTTCAGACGAGAATACATCGCCACTCA
GGGACCGCTTCCAGGCACCAAGGATGACTTCTGGAAGATGGCGTGGGAGCAGAACGTTCA
CAACATCGTCATGGTGACCCAGTGTGTTGAAAAGGGCCGAGTGAAGTGTGACCATTACTG
GCCAGCAGACCAGGACCCCCTCTACTACGGTGATCTCATCCTACAGATGGTCTCGGAGTC
CGTGCTCCCCGAGTGGACCATCAGGGAGTTTAAGATATGCAGTGAAGAACAGTTGGATGC
ACACAGACTCATCCGTCACTTTCACTACACGGTGTGGCCAGACCATGGGGTCCCAGAGAC
CACCCAGTCCCTGATCCAATTTGTGAGGACAGTCAGGGACTACATCAACAGAAGCCCCGG
GGCTGGGCCCTCCGTAGTGCACTGCAGCGCTGGTGTGGGCAGAACAGGGACGTTCGTTGC
CCTGGACCGGATCCTCCAGCAGTTGGACTCTAAGGACTCCGTGGACATTTATGGGGCAGT
GCATGACCTAAGACTCCACAGGGTTCACATGGTCCAGACCGAGTGTCAATATGTGTATCT
GCATCAGTGTGTAAGAGACGTCTCAGAGCAAAGAAACTGCGGAAACGAGCAAGAGAAAGG
GGGTGTTTCGATTTATGAGAATGTGAATCAGAGTATCACAGAGATGCAATCTACTCGAGA
CATTAAGAATTC
(SEQ ID NO:1)

FIGURE 2A